

云南檀香科二新种

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TWO NEW SPECIES OF SANTALACEAE FROM YUNNAN

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Key words *Dendrotrophe punctata*; *Phacellaria glomerata*

关键词 点纹寄生藤; 聚果重寄生

1. 点纹寄生藤 新种 图 1

Dendrotrophe punctata C. Y. Wu et D. D. Tao, sp. nov.

Species *D. frutescenti* (Benth.) Danser affinis, a qua ramis foliisque conferte ferrugineo-punctatis, folii nervis basalibus 5 arcuatis differt.

Suffrutex c. 1—2m altus, dioicus. Caulis volubilis, gracilis, teres, dense ferrugineo-punctatus. Folia alterna; lamina ovato-elliptica, 3.5—6.5 cm longa, 1.4—3 cm lata, apice acuta, basi rotundata, chartacea vel carnosa, supra glabra viridis, quinquenervis, nervis subtus prominentibus. Flores masculini cymosae, axillares, pedunculo 5—20 mm longo; bracteolae 7—8, ovoideo-triangulares, 1 mm longae. Perianthium 2—3 mm longum; segmenta 5, triangularia, 1.5 mm longa. Stamina 5 inclusa, filamentis brevibus, c. 0.5 mm longis; antheris aureis. Discus annulatus, carnosus. Flores feminei 1—2 axillares, pedunculo 3—4 mm longo; involucra 7—9, imbricata; bractee 3—5, Perianthium 2—3 mm longum; segmenta 5, ovato-triangularia, c. 1 mm longa et lata, carnosa, intra medio pubescentia. Stamina rudimentaria 5, tot quot lobi corollae et cum iis alterna, inclusa, medio corollae inserta, c. 1.2 mm longa, antheris 0.5 mm longis. Stylus 1.5 mm longus; stigma discoideum quadrilobatum; ovarium subglobosum 2 mm longum. Fructus ovoideo-globosus, c. 1.3 cm longus, tenuiter inconspicuis 5-costatus, brunneolus, perianthio persistente praeditus.

Yunnan (云南): Pingbian (屏边), in dumetis, alt. 1600 m, 25 Nov. 1953, P. I. Mao (毛品一) 3202 (Holotypus, KUN); C. W. Wang (王启无) 82850; Maguan (马关), H. T. Tsai (蔡希陶) 58-8325; Xichou (西畴), C. W. Wang 85925, K. M. Feng (冯国楣) 11448, 12326; Malipo (麻栗坡), C. W. Wang 86726.

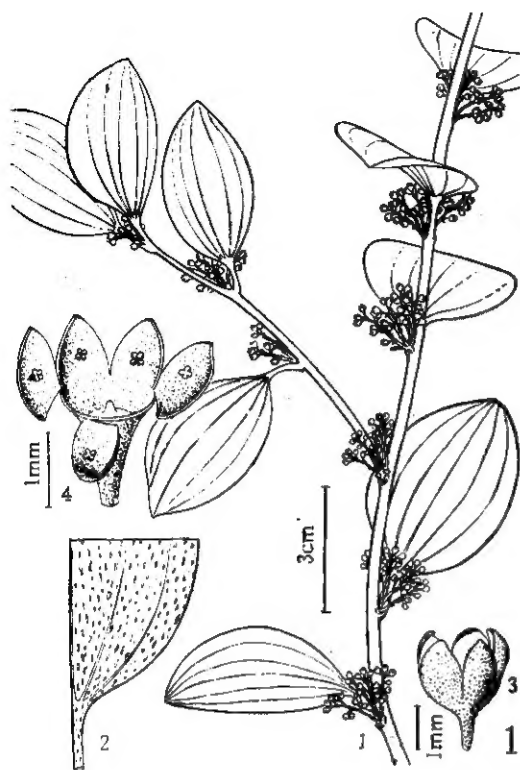


图1 点纹寄生藤 *Dendrotrophe punctata* 1. 带雄花的植株 plant with male flowers; 2. 具斑点的叶背 punctate lower surface of leaf; 3. 雄花 male flower; 4. 雄花展开示雄蕊着生位置 male flower opened up, showing the insertion of stamens. (张宝福绘)

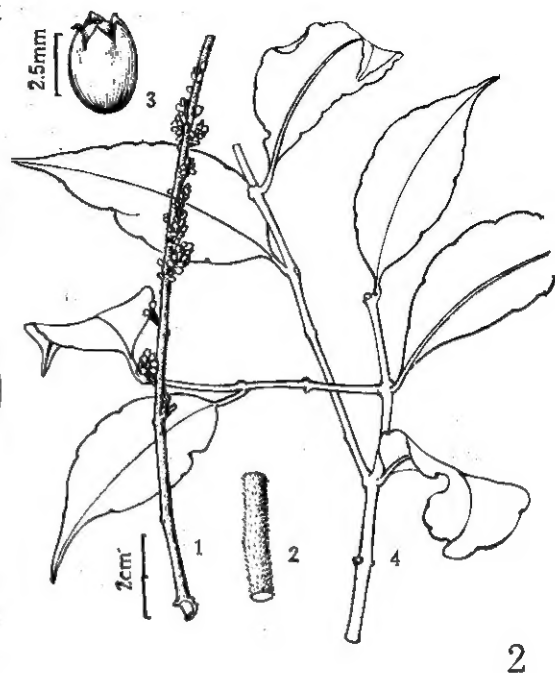


图2 聚果重寄生 *Phacellaria glomerata* 1. 带果序的植株 branch bearing fruit; 2. 部分茎放大 a part of stem (enlarged); 3. 果 fruit; 4. 寄主植物(钝果寄生) host plant, *Taxillum delavayi*. (李锡畴绘)

半灌木,高1—2 m。茎缠绕,细圆柱形,密被锈色斑点。叶互生,叶片卵状椭圆形,长3.5—6.5 cm,宽1.4—3 cm,顶端急尖,基部圆形,纸质或肉质,表面无毛,淡绿色,叶脉在叶背面凸起,弧形脉,5条。雌雄异株:雄花聚伞状,腋生,多花,总梗长5—20 mm,小苞片7—8枚,卵状三角形,长1 mm,花被长2—3 mm,花被片5,三角形,长1.5 mm。雄蕊5,内藏,花丝缩短,长约0.5 mm,花药黄色,花盘环状,肉质。雌花1—2朵,腋生,花梗长3—4 mm,总苞7—9枚,覆瓦状排列,苞片3—5枚,花被长2—3 mm,花被片5,卵状三角形,长、宽约1 mm,肉质,内面中央被柔毛。雄蕊5,着生于花被裂片中部以上,并与裂片互生,内藏,长约1—2 mm,花药长0.5 mm,花柱长1.5 mm,柱头杯状,4裂,子房近圆球形,长2 mm。果卵状球形,长1.3 cm,具5条不明显的棱纹,淡褐色,花被宿存。

本新种与寄生藤 *Dendrotrophe frutescens* (Benth.) Danser 近缘,不同在于其茎及叶片均密被褐色锈斑点,叶基具弧形叶脉5条,易于区别。

2. 聚果重寄生^D 新种 图2

1) 由于该种寄生于桑寄生科的钝果寄生 (*Taxillum delavayi*) 植物体上,故中名命名为聚果重寄生。

Phacellaria glomerata D. D. Tao, sp. nov.

Species *P. compressae* Benth. affinis, sed fructibus in ramulis abbreviatis congestis globosis 2.5 mm longis 2.5—3 mm diam., ramulis teretibus 15 cm longis c. 2 mm crassis differt.

Inflorescentia erecta, glomerulata, densa, puberula, 15 cm longa, c. 1—2 mm diam., ramulis teretibus c. 2 mm diam., apice acutiusculis; bracteis imbricatis, brunneo-griseis dense pilosulis et pellucido-glandulosis. Flores glomerati; involucrem 1, late triangulare, 1 mm longum et latum; corolla campanulata, lobis 5 triangularibus 0.5—1 mm longis latisque; stigma peltatum. Fructus globosi, 2.5—3 mm diam., aggregati. Semina ovoidea, 2.5 mm longa, c. 2 mm crassa, nigra.

Yunnan (云南): Jingdong (景东), in mixed forest, 2400 m alt., a parasit on *Taxillum delavayi*, M. K. Li (李鸣岗) 2653 (Holotypus, KUN)

团聚伞花序、直立, 长 15 cm, 粗约 1—2 mm, 小枝圆柱形, 粗约 2 mm, 先端略尖。苞片覆瓦状, 灰褐色, 密被柔毛及透明腺点, 花密集成头状, 总苞 1 枚, 宽三角形, 长、宽 1 mm; 花冠钟状, 裂片 5, 三角形, 长、宽 0.5—1 mm; 柱头盾状。果球形, 直径 2.5—3 mm, 聚集。种子近卵圆形, 长约 2.5 mm, 厚约 2 mm, 黑色。

本新种与扁穗重寄生 *Phacellaria compressa* Benth. 近缘, 但本种果团聚在一缩短的小枝上; 果球形, 长 2.5 mm, 直径 2.5—3 mm; 小枝圆柱形, 长约 15 cm, 粗 2 mm 而易于区别。